

# Digital Check's TELLERSCAN™ 200

## Compact Countertop Scanner

*Two-sided Scanning with Backside Endorsement for Multiple Applications*



### Features:

- **Two-sided Scanning Suitable for Multiple Applications**
- **Compact Countertop Design for Small Spaces**
- **Fast Image Capture with In-Line MICR Line reading**
- **High Quality Images for Improved Recognition**
- **Easy to Integrate -- Simple Control**
- **Reliable Single Pass Transport**

### Two-sided scanning + back side endorsement:

- ◆ The TellerScan-200 creates high quality images of both sides of a check that then may be stored locally for audit and historical research...or quickly transmitted to a bank's central proof operation. While the front of the check is required for account details, amount information and original signature verification, the TS-200 simultaneously captures the important endorsements on the back of the check. In addition, the TS-200 is able to add the user's custom endorsement.
- ◆ Scanning the checks at the point of entry, allows the images of the checks to be electronically approved, balanced and amount entered. When the physical paper check arrives, power encoding can ensure fast clearance. This scanner accelerates check clearance, improves customer service and helps position a user for electronic check processing.

### Compact design:

- ◆ The TS-200 is designed for distributed applications that require limited volume, but high performance and two-sided check scanning. Needing less than 5" x 9" of space, the TellerScan 200 easily fits into small areas – a teller window area, a retail store or a back-office.

### Fast capture:

*With In-line MICR Reading and Programmable Endorsement*

- ◆ Based on hand feeding the items, the TS-200 provides simultaneous two-sided scanning at over 16 inches/sec with MICR codeline capture. *The result is scanning both sides of a check while reading MICR and endorsing in less than one second.* This speed ensures that customers do not wait in line while their checks are captured.
- ◆ E13B or CMC7 MICR codelines are read magnetically and the optional programmable ink-jet backside endorser can endorse the checks with customized information, logos, dates, and/or sequential numbers.

### Highest quality images for improved recognition:

- ◆ As each check is scanned, it is analyzed before thresholding into black and white to provide a sharp, easy to read image. Alternatively 4 bit (16 shades) or 8 bit (256 shades) of grayscale images may be captured. When combined with the anti-paper skew transport, this makes for superior OCR/ICR recognition of machine print, courtesy amounts and legal amounts, signatures, and name/address information. As a second quality check, the MICR codeline can be re-read using optical character recognition which complements the magnetic read to capture the information on poorly printed checks.

### Easy to integrate... Simple control:

- ◆ The TS-200 is designed to be quick and easy to integrate. The standard USB-port (Universal Serial Bus) provides plug-and-play connection; no need to purchase separate interface boards or even open the controlling PC. Digital Check Corporation provides software tools in support of the transport. For immediate usage, a batch scanning software application is available.

### Reliable single pass transport:

- ◆ The short U shaped transport path virtually eliminates jams with one pass by the separate front and rear scan heads. The TS-200 transport is designed to scan up to 3 million items. On board diagnostics, power on self-testing, and an easy to service modular design ensures reliable, problem-free operation.

### Many Applications:

- ◆ The two-sided scanning ability and rear side endorse capabilities of the TS-200 allow it to be used in many applications including Check Cashing; Securities Payments, Teller Window Processing; Corporate Payments; Lock Box; and Exception Processing. Locations may be as diverse as Cruise Ships; Corporate Offices; Casinos; or Retail Stores in addition to traditional Branch Banking.



*Providing Check Scanning Solutions & Check Scanning Equipment Worldwide*

# TELLERSCAN™ 200

## Compact Countertop Scanner

## Specifications

### Product Features

**Unit Size:** 4.8" x 8.5"

**Paper Size:** (Up to UNI A6)

**Document Height:** 2.12" - 4.17" (54-106mm)

**Document Length:** 3.19" - 8.97" (80-228mm)

**Document Weight:** 16-32 lb. (60-120 grams/sq.meters)

**Scanning Method:** Concurrent Two-sided Duplex

**Camera:** 2 x 840 cell, 105mm contact CCD

**Light Source:** Green LED

**In-Line MICR Recognition:**

MICR recognition firmware for E13B (U.S.A.)  
or CMC7 (European) standards

MICR codeline data available as a separate file or in image header

**Transport Speed:** 16.5" (42cm) per second

**Feeder:** Drop-in, single item, manual feed

**Performance:** Dependent on operator (2-3 sec/scan cycle)

**Standard Interface:**

- Standard USB

- Additional RS-232 serial port for external devices

**Image Format:**

1-bit black and white TIFF Gp/4

4-bit (16 levels) or 8-bit (256 levels) - grayscale BMP or JPEG

**On-board Memory:** 10MB Buffer

**Image Resolution:** (software selectable)

100 x 100 dpi, 200 x 100 dpi (V x H), 200 x 200 dpi

**Image Compression:**

via custom software running on the work station

Automatic image cropping

**Current Options:** Backside ink-jet endorser

### Diagnostic Features

**On-Board Diagnostics:**

Tests scanner functionality

**Power-On Self Testing:**

Automatic self-testing  
when powering on the unit

**Serviceability:**

Flash EEPROM allows easy  
upgrade of functionality

### Software Tools & Support Services

**Software Tools:** API Toolkit 32 bit

**Required Operating System:**

Windows 98 2nd Edition, Windows 2000,  
NT 4.0 Service Pack 6 or later

### Environmental, Reliability & Electrical Features

**Electrical:** Power consumption: 30VA

**Input voltage:**

115 VAC (+/- 10%), 60hz - domestic

230 VAC (+/- 10%), 50hz - international

Separate standard power supply

**Product Life & Duty Cycle:**

Designed for useful life of 3,000,000 checks

Duty cycle: 2,000 - 3,000 checks per day

Mean Time To Repair (MTTR): 15 minutes

**Environmental:**

**Temperature (operating):** 60° - 90° F (15° - 32° C)

**Humidity (operating):** 35-85% non-condensing

**Unit Dimensions:**

**Height -** 6.4" (16.5cm)

**Depth -** 4.8" (12cm)

**Length -** 8.5" (21.5cm)

**Weight -** 4.4 lbs. (2kg)



*High performance in a truly compact design.*



*Top view of transport path components.*

*Learn more about the entire line  
of TellerScan Check Scanners  
and DCC on our website  
<http://www.digitalcheck.com>*



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